# U. S. DEPARTMENT OF COMMERCE, WEATHER BUREAU
## COOPERATIVE OBSERVERS' METEOROLOGICAL RECORD

STATION Tuskegee, COUNTY Macon, STATE Ala. HOUR OF OBSERVATION TEMP. 5:00 P.M.
LATITUDE ____. LONGITUDE ____. ELEVATION ____. PRECIP. 5:00 P.M.
MONTH Oct., 1942. MERIDIAN OF TIME CST.

| DATE | TEMPERATURE MAXIMUM (1) | TEMPERATURE MINIMUM (2) | TEMPERATURE SET MAX. (3) | PRECIPITATION TIME OF BEGINNING (4) | PRECIPITATION TIME OF ENDING (5) | PRECIPITATION AMOUNT (3) INCHES & HUNDREDTHS (6) | PRECIPITATION SNOWFALL INCHES & TENTHS (7) | PRECIPITATION SNOW ON GROUND AT OBSERVATION (8) | PREVAILING WIND DIRECTION FOR THE DAY (9) | CHARACTER OF DAY SUNRISE TO SUNSET (AVE. CLD.) CLEAR (0—3) (10) | P. CLDY. (4—7) (10) | CLOUDY (8—10) (10) | MISCELLANEOUS PHENOMENA INCLUDING CHARACTER OF PRECIPITATION, AS RAIN, DRIZZLE, SNOW, SLEET, HAIL, THUNDERSTORMS, ETC. (11) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 81 | 48 | 68 | | | | | | NW | | ✓ | | |
| 2 | 89 | 54 | 70 | | | | | | | | ✓ | | |
| 3 | 84 | 57 | 81 | | | | | | W | ✓ | | | |
| 4 | 87 | 59 | 82 | | | | | | W | ✓ | | | |
| 5 | ~~87~~ 73 | 69 | 77 | 9:45 A.M. 4:1 P.M. | 12:15 A.M. 4:30 P.M. | .74 | | | NW | | | ✓ | rain |
| 6 | ~~77~~ 78 | 54 | 69 | | | | | | N.W | ✓ | | | |
| 7 | 79 | 50 | 77 | | | | | | SE | ✓ | | | |
| 8 | 81 | 52 | 71 | | | | | | NW | ✓ | | | |
| 9 | 82 | 54 | 74 | | | | | | NW | | ✓ | | |
| 10 | 82 | 52 | 75 | | | | | | W | ✓ | | | |
| 11 | 80 | 57 | 73 | | | | | | SE | ✓ | | | |
| 12 | 75 | 58 | 73 | 1:10 P.M. | DN (?) | T | | | NW | | | ✓ | drizzle |
| 13 | 76 | 55 | 66 | | | | | | NE | | ✓ | | |
| 14 | 78 | 49 | 77 | | | | | | NW | | | ✓ | |
| 15 | ~~71~~ 84 | 56 | 72 | | | | | | W | | | ✓ | |
| 16 | 82 | 56 | 72 | | | | | | NW | | | ✓ | |
| 17 | 83 | 54 | 81 | | | | | | SW | | | ✓ | |
| 18 | 82 | 59 | 72 | DN P | DN P | .09 | | | NW | | ✓ | | rain |
| 19 | 84 | 50 | 71 | | | | | | W | | ✓ | | |
| 20 | 84 | 60 | 71 | | | | | | SW | | ✓ | | |
| 21 | 79 | 61 | 71 | DN P | DN P | .15 | | | SW | | ✓ | | rain |
| 22 | 80 | 59 | 70 | | | | | | SE | | ✓ | | |
| 23 | 82 | 58 | 70 | | | | | | W | | ✓ | | |
| 24 | 80 | 56 | 73 | | | | | | | | ✓ | | |
| 25 | 78 | 63 | 70 | DN A | 5:60 PM | .13 | | | S | | | ✓ | drizzle |
| 26 | 70 | 53 | 54 | DN A | DN A | .20 | | | NW | ✓ | | | rain |
| 27 | 64 | 35 | 62 | | | | | | SW | ✓ | | | |
| 28 | 72 | 32 | 63 | | | | | | SE | | ✓ | | |
| 29 | 75 | 51 | 69 | | | | | | SE | | ✓ | | |
| 30 | 80 | 54 | 73 | | | | | | SE | | ✓ | | |
| 31 | 74 | 56 | 74 | 6:45 P.M. | DN A | .44 | | | SW | | ✓ | | rain |
| 1 ST. | ~~74~~ | ~~45~~ | ~~63~~ | | | | | | ~~SW~~ | ~~✓~~ | | | |
| SUM | ~~2459~~ 1692 | | | | | 1.77 | | | NW | | | | |

2459 ~~2460~~ 54.6

SEE COVER FOR INSTRUCTIONS

1 ENTER TEMP. AND PRECIP. FOR 1 ST. DAY OF FOLLOWING MO. WHERE OBS. IN MORNING ONLY
2 READING OF MAX. THERMOMETER IMMEDIATELY AFTER SETTING.
3 INCLUDING RAIN, HAIL, SLEET AND MELTED SNOW ON DAY OF MEASUREMENT.

(IN TRIPLICATE)

J. R. Otis
(COOPERATIVE OBSERVER)
Box 55
Tuskegee Inst. Ala.
(P.O. ADDRESS)

## MONTHLY SUMMARY
(TO BE FILLED IN BY OBSERVER)

DATES OF—
HIGH WINDS, ____
GLAZE, (FREEZING RAIN) ____
SLEET, (SMALL ICE PELLETS) ____
HAIL, ____
KILLING FROST, ____
THUNDERSTORMS, ____
FOG, LIGHT (VIS. 5/8 MI. OR MORE) ____
DENSE (VIS. LESS THAN 1/5 MI.) ____
DEPTH OF FROZEN GROUND AT END OF MO. ____ INS.

(NOT TO BE FILLED IN BY OBSERVER)

### TEMPERATURE
MEAN MAXIMUM, ~~79.0~~ 79.3
MEAN MINIMUM, 54.6
MEAN MONTHLY, ~~67.0~~ 66.9 DEPARTURE, ~~+0.3~~ -0.1
MAXIMUM, 89 ; DATE, 2
MINIMUM, 35 ; DATE, 27

### PRECIPITATION
TOTAL, 1.77 INS. DEPARTURE, -.69

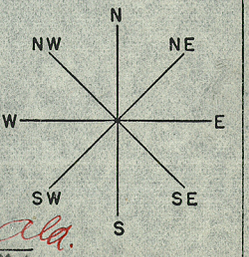
GREATEST AMOUNT

| IN ANY OBSERVATIONAL DAY | | COMPUTED FOR 24-HOUR PERIOD | |
|---|---|---|---|
| AMOUNT | DATE | AMOUNT | DATE |
| .74 | 5 | .74 | 5 |

### SNOW
TOTAL SNOWFALL, 0 INCHES
GREATEST IN ANY OBSERVATIONAL DAY ____
DATE ____

### NUMBER OF DAYS
MAX. TEMP. 90° OR ABOVE, 0
MAX. TEMP. 32° OR BELOW, 0
MIN. TEMP. 32° OR BELOW, 0
MIN. TEMP. 0° OR BELOW, 0
WITH 0.01 INCH OR MORE PRECIP, 6
0.25 INCH OR MORE, 2 ; 1.00 INCH OR MORE, 0
CLEAR, 9 PARTLY CLOUDY, 15 CLOUDY, 7

REMARKS BY OBSERVER: ____




STATION Tuskegee Ala.
MONTH Oct., 1942

C.G.